

Special Issue

Targeted Liposomal Drug Delivery

Message from the Guest Editors

Liposomes at the top of the list of nanocarriers used to deliver therapeutic agents (e.g., chemotherapeutics, nucleic acid, peptides) for improving the effectiveness and safety of therapies. The wide application of liposomal formulations in the pharmaceutical field is related to their excellent physicochemical characteristics, including their capacity to encapsulate high amounts of both lipophilic and hydrophilic molecules, small particle size, biocompatibility, and biodegradability. Furthermore, liposomes are versatile vesicles, which allow the modification of their surfaces with ligands that show high affinity and specificity to the target tissue. As a result, the active targeting of liposomes can potentialize the therapeutic effect of drugs and reduce their side effects. Recognizing the importance of liposomes in the pharmaceutical field, we would like to invite you to contribute a short communication, research article, or review article to this issue. This Special Issue will publish articles describing the design, development, and characterization of ligand-targeted liposomes for the active targeting of therapeutic agents.

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